

PATENT

MS302206.01

CERTIFICATE OF FASCIMILE

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being faxed to (703) 872-9306 on the date shown below to Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: 6.23.04Signature: 

Christina M. Padamonsky

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED**

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In re patent application of:

Examiner: Unknown

JUN 23 2004

Applicant(s): Cristian Petculescu, *et al.*

Art Unit: Unknown

Serial No: 10/402,000

Reel: Unknown

Filing Date: March 28, 2003

Frame: Unknown

**OFFICIAL**

Title: SYSTEMS AND METHODS FOR PROACTIVE CACHING UTILIZING  
OLAP VARIANTS

Mail Stop Assignment Recordation Services  
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Alexandria, Virginia 22313-1450

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**RESUBMISSION OF ASSIGNMENT DOCUMENT  
FOR RECORDATION**

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Dear Sir:

This is in Reply to the Notice of Non-Recordation of Assignment document in connection with the subject application.

Attached is an updated version of the originally submitted recordation cover sheet, and the originally submitted assignment. The recordation cover sheet includes the patent application serial number in item 1 of the sheet, and the document ID No. 102604237 is noted in the upper right-hand corner of the cover sheet.

10/402,000

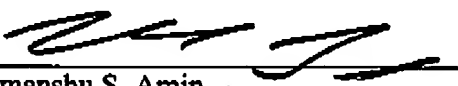
MS302206.01

Accordingly, the original date of filing of the assignment document should be maintained and a prompt response to such end is respectfully requested.

In the event any fees are due in connection with this paper, such fees may be charged to Deposit Account No. 50-1063 [MSFTP410US].

Respectfully submitted,

AMIN & TUROCY, LLP

  
Himanshu S. Amin  
Reg. No. 40,894

AMIN & TUROCY, LLP  
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**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 07, 2004

PTAS



\*102604237A\*

AMIN & TUROCY, LLP  
HIMANSHU S. AMIN  
1900 E. 9TH STREET  
24TH FLOOR, NATIONAL CITY CENTER  
CLEVELAND, OH 44114UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102604237

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

11-19-2003

FORM PTO-1595  
(REV 6-93)

RECORDATORY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-011 (exp. 4/94)



102604237

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Cristian Petculescu  
Amir Netz  
Thomas P. ConlonAdditional name(s) of conveying  
party(ies) attached? [ ] Yes [X] No

## 3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: 3/28/03

## 2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft Way

City: Redmond

State/Country: Washington ZIP: 98052

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 3/28/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional Numbers attached? [ ] Yes [X] No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: Himanshu S. Amin

Internal Address: \_\_\_\_\_

Amin &amp; Turocy, LLP

Street Address: 24th Floor, National City Center

1900 E. 9th Street

City: Cleveland

State: Ohio ZIP: 44114

## 6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00

[ ] Enclosed

[X] Authorized to be charged to deposit account

## 8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Himanshu S. Amin

Name of Person Signing

Signature

November 11, 2003

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [ 4 ]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

11/18/2003 LIPETTER 0000214 501063 40.00 1A 01 FC0021

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number:

Filing Date:

Inventorship:

Cristian Petculescu, et al.

Applicant:

Microsoft Corporation

Attorney's Docket No.: MSFIP410US

MS Docket No.: MS902206.1

Title:

**SYSTEMS AND METHODS FOR PROACTIVE CACHING  
UTILIZING OLAP VARIANTS****PATENT ASSIGNMENT****PARTIES TO THE ASSIGNMENT****Assignor(s):**

Cristian Petculescu  
8500 148<sup>th</sup> Avenue NE  
Apt P, #2048  
Redmond, Washington 98052

Amir Netz  
4265 137<sup>th</sup> Avenue NE  
Bellevue, Washington 98005

Thomas P. Conlon  
10615 210<sup>th</sup> Avenue NE  
Redmond, Washington 98053

**Assignee:**

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, Washington 98052

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JUN 23 2004

OFFICIAL

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SYSTEMS AND METHODS FOR PROACTIVE CACHING UTILIZING OLAP VARIANTS" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number:

Filing Date:

Inventorship:

Cristian Petculescu, et al.

Applicant:

Microsoft Corporation

Attorney's Docket No.:

MSFTP410US

MS Docket No.:

MS302206.1

Title:

**SYSTEMS AND METHODS FOR PROACTIVE CACHING  
UTILIZING OLAP VARIANTS**

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation ~~of the State of Washington having a place of business at One Microsoft Way, Redmond, WA~~ 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, ~~said invention, application and all letters patent on said invention to be held and enjoyed by~~ ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship:

Applicant:

Attorney's Docket No.: MSFIP410US

MS Docket No.:

Title:

Cristian Petculescu, et al.

Microsoft Corporation

MSFIP410US

MS302206.1

SYSTEMS AND METHODS FOR PROACTIVE CACHING  
UTILIZING OLAP VARIANTS

patent on said invention, for litigation regarding said letters patent, or for the purpose of  
protecting title to said invention or letters patent therefore.

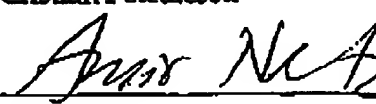
3/28/2003

Date

  
Cristian Petculescu

3/28/2003

Date

  
Amir Netz

3/28/2003

Date

  
Thomas P. Conlon